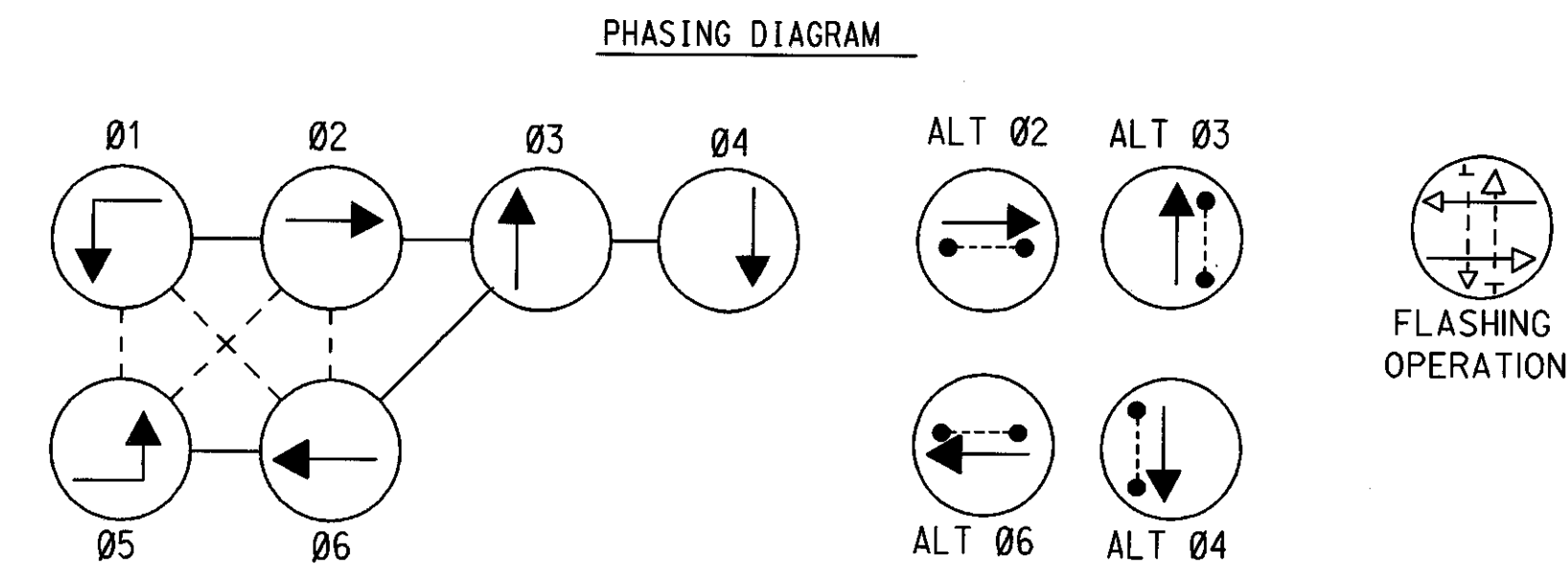
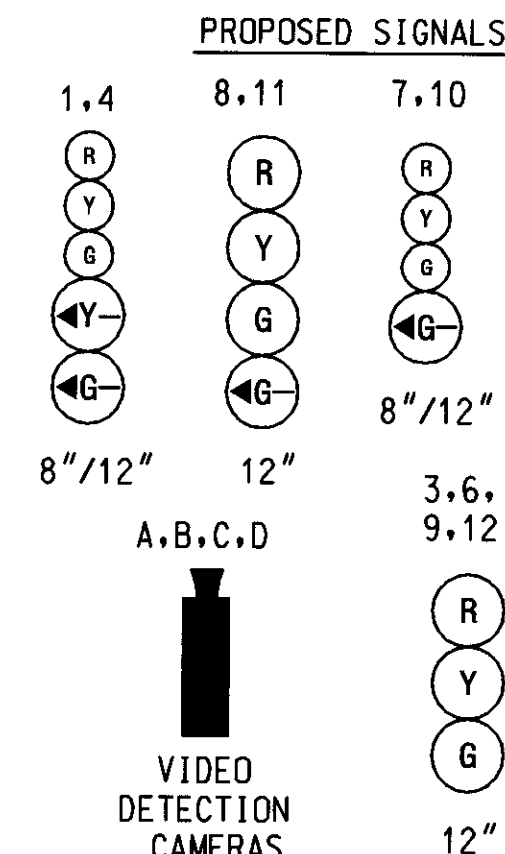
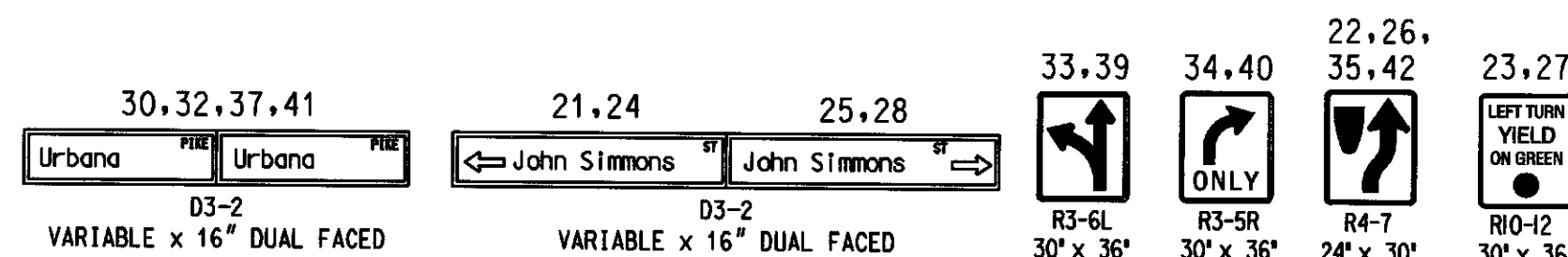
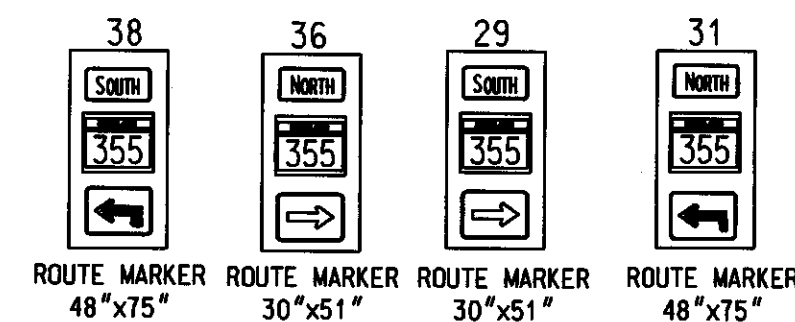
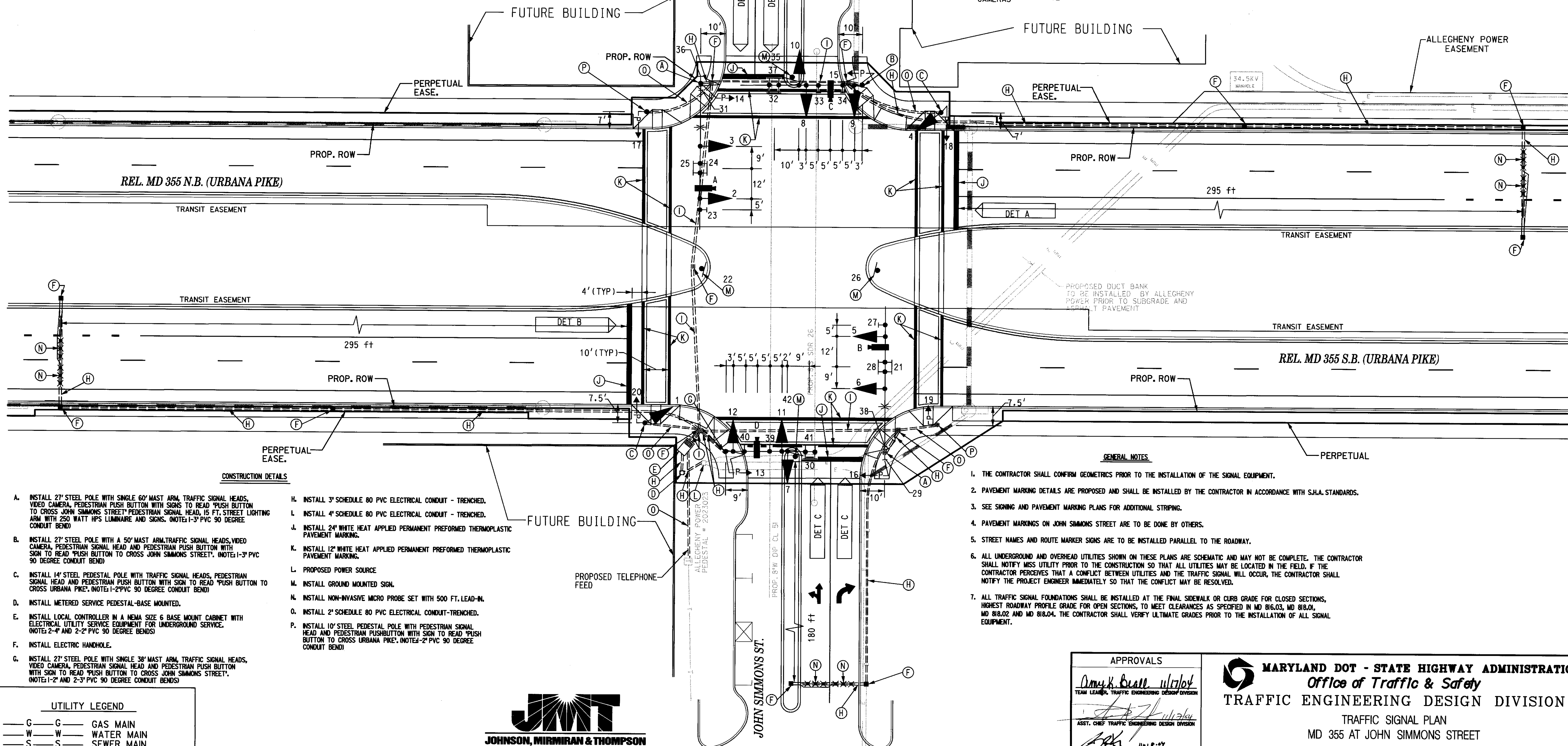


MD 355 IS ASSUMED  
TO RUN NORTH / SOUTH



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



- CONSTRUCTION DETAILS
- A. INSTALL 27" STEEL POLE WITH SINGLE 60' MAST ARM, TRAFFIC SIGNAL HEADS, VIDEO CAMERA, PEDESTRIAN PUSH BUTTON WITH SIGN TO READ "PUSH BUTTON TO CROSS JOHN SIMMONS STREET". PEDESTRIAN SIGNAL HEAD, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND SIGNS. (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND)
- B. INSTALL 27" STEEL POLE WITH A 50' MAST ARM, TRAFFIC SIGNAL HEADS, VIDEO CAMERA, PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH BUTTON WITH SIGN TO READ "PUSH BUTTON TO CROSS JOHN SIMMONS STREET". (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND)
- C. INSTALL 14" STEEL PEDESTAL POLE WITH TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH BUTTON WITH SIGN TO READ "PUSH BUTTON TO CROSS URBANA PIKE". (NOTE: 1-2" PVC 90 DEGREE CONDUIT BEND)
- D. INSTALL METERED SERVICE PEDESTAL-BASE MOUNTED.
- E. INSTALL LOCAL CONTROLLER IN A NEMA SIZE 6 BASE MOUNT CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: 2-4" AND 2-2" PVC 90 DEGREE BENDS)
- F. INSTALL ELECTRIC HANDHOLE.
- G. INSTALL 27" STEEL POLE WITH SINGLE 38' MAST ARM, TRAFFIC SIGNAL HEADS, VIDEO CAMERA, PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH BUTTON WITH SIGN TO READ "PUSH BUTTON TO CROSS JOHN SIMMONS STREET". (NOTE: 1-2" AND 2-3" PVC 90 DEGREE CONDUIT BENDS)
- H. INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- I. INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- J. INSTALL 24" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- K. INSTALL 12" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- L. PROPOSED POWER SOURCE
- M. INSTALL GROUND MOUNTED SIGN.
- N. INSTALL NON-INVASIVE MICRO PROBE SET WITH 500 FT. LEAD-IN.
- O. INSTALL 2" SCHEDULE 80 PVC ELECTRICAL CONDUIT-TRENCHED.
- P. INSTALL 10" STEEL PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH BUTTON WITH SIGN TO READ "PUSH BUTTON TO CROSS URBANA PIKE". (NOTE: 2" PVC 90 DEGREE CONDUIT BEND)

UTILITY LEGEND

G — G — GAS MAIN  
W — W — WATER MAIN  
S — S — SEWER MAIN  
E — E — ELECTRIC CABLES  
A — A — AERIAL CABLES  
T — T — TELEPHONE CABLES

**JMT**  
JOHNSON, MIRMIRAN & THOMPSON  
Engineering A Brighter Future

72 Loveton Circle Baltimore, Maryland 21152-0949

- GENERAL NOTES
1. THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
2. PAVEMENT MARKING DETAILS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
3. SEE SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL STRIPING.
4. PAVEMENT MARKINGS ON JOHN SIMMONS STREET ARE TO BE DONE BY OTHERS.
5. STREET NAMES AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.
6. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
7. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 86.03, MD 88.04, MD 88.02 AND MD 88.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

APPROVALS

*Dmytr B. Beale* 11/17/04  
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

*[Signature]* 11/18/04  
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

*[Signature]* 11/18/04  
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

*[Signature]* 11/18/04  
DIRECTOR, TRAFFIC & SAFETY



**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
**Office of Traffic & Safety**  
**TRAFFIC ENGINEERING DESIGN DIVISION**

TRAFFIC SIGNAL PLAN  
MD 355 AT JOHN SIMMONS STREET

DRAWN BY: CDM/SSS	F.A.P. NO. NONE	TS NO. 4360	SHEET NO. 125 OF 152
CHECKED BY: SWW	S.H.A. NO. NONE	T.I.M.S. NO. 6145	
SCALE: 1"=20'	COUNTY: FREDERICK		
DATE: 8/26/04	LOG MILE: N/A		